



In re Application of: )  
: )  
Ruben G. Carbonell *et al.* )  
: )  
Application No.: 10/817,117 )  
: )  
Filed: April 2, 2004 )  
: )  
Title: PRION PROTEIN BINDING MATERIALS AND METHODS OF USE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA, 22313-1450

**SUBMISSION OF REVOCATION AND POWER OF ATTORNEY BY  
ASSIGNEE  
AND EXCLUSION OF INVENTOR(S) UNDER 37 C.F.R. § 3.71**

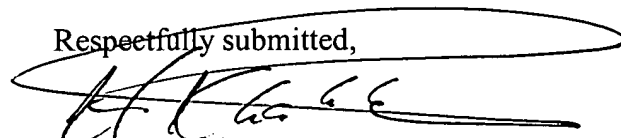
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed herewith is a Revocation and Power of Attorney executed by the authorized officers of Assignees, Pathogen Removal and Diagnostic Technologies Inc., and North Carolina State University. Please have the executed Power of Attorney placed in the file of the above-identified application.

No fee is believed to be due for this submission.

Respectfully submitted,



Houri Khalilian  
Reg No. 39, 546

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Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned assignees of the entire interest in the above-identified subject application hereby revoke all previous powers of attorney and appoint:

**CUSTOMER NO: 47234**  
Houri Khalilian, Ph.D., Esq.,  
Law Offices of Khalilian Sira, LLC,  
9100 Persimmon Tree Road,  
Potomac, MD, 20854  
USA

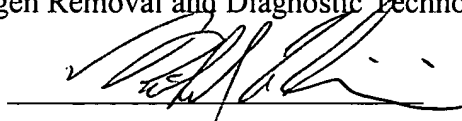
as its attorney to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71, provided that, if any one of these attorneys ceases being affiliated with the Law Offices of Khalilian Sira, LLC as partner, counsel, or employee, then the appointment of that attorney

and all powers derived there from shall terminate on the date such attorney ceases being so affiliated.

Please direct all correspondence for this application to the address indicated above.

ASSIGNEE: Pathogen Removal and Diagnostic Technologies Inc.

Signature:



Typed Name:

Richard Feliciano

Position/Title:

President

Address:

2025 E St., N.W.  
Washington, D.C. 20006  
USA

Date:

ASSIGNEE: North Carolina State University

Signature:

Typed Name:

Donna Cookmeyer

Position/Title:

Director

Address:

Office of Technology Transfer  
2401 Research Drive, Suite. 1122  
Raleigh, NC  
27695-8210  
USA

Date:

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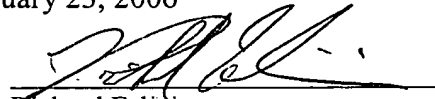
**ASSIGNEE CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

Pathogen Removal and Diagnostic Technologies Inc., a company duly organized and existing under the laws of Delaware having a principal place of business at 2025 E St., N.W., Washington, D.C. 20006, United States of America, hereby certifies that it is the owner of all right, title, and interest in the above-identified patent application, by virtue of an Assignment recorded in the United States Patent and Trademark Office. The Reel and Frame No is not assigned yet.

I am empowered to sign this certificate on behalf of the assignee, Pathogen Removal and Diagnostic Technologies Inc.

Date: February 23, 2006

Signature: \_\_\_\_\_

  
Richard Feliciano  
President



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**SUBMISSION OF REVOCATION AND POWER OF ATTORNEY BY  
ASSIGNEE  
AND EXCLUSION OF INVENTOR(S) UNDER 37 C.F.R. § 3.71**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed herewith is a Revocation and Power of Attorney executed by the authorized officers of Assignees, Pathogen Removal and Diagnostic Technologies, Inc, and North Carolina State University. Please have the executed Power of Attorney placed in the file of the above-identified application.

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Respectfully submitted,

Hourii Khalilian  
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Sir:

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**CUSTOMER NO: 47234**  
Houri Khalilian, Ph.D., Esq.,  
Law Offices of Khalilian Sira, LLC,  
9100 Persimmon Tree Road,  
Potomac, MD, 20854  
USA

as its attorney to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71, provided that, if any one of these attorneys ceases being affiliated with the Law Offices of Khalilian Sira, LLC as partner, counsel, or employee, then the appointment of that attorney

and all powers derived there from shall terminate on the date such attorney ceases being so affiliated.

Please direct all correspondence for this application to the address indicated above.

ASSIGNEE: Pathogen Removal and Diagnostic Technologies, Inc

Signature:

Typed Name: John F. McGuire

Position/Title: President and Chairman

Address: One Rodney Square, Wilmington,  
Delaware 19801,  
USA

Date:

ASSIGNEE: North Carolina State University

Signature:

Typed Name: David Winwood, Ph.D.

Position/Title: Associate Vice Chancellor

Address: Office of Technology Transfer  
2401 Research Drive, Suite. 1122  
Raleigh, NC  
27695-8210  
USA

Date:

*Feb 9, 2006*

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**ASSIGNEE CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

North Carolina State University, is an entity duly organized under the laws of North Carolina and having its principal place of business at Office of Technology Transfer, 2401 Research Drive, Suite 1122, Raleigh, NC, 27695-8210, United States of America, hereby certifies that it is the owner of all right, title, and interest in the above-identified patent application, by virtue of an Assignment recorded in the United States Patent and Trademark Office. The Reel and Frame No is not assigned yet.

I am empowered to sign this certificate on behalf of the assignee, North Carolina State University.

Date: Feb. 9, 2006

Name: David Winwood, PhD

Title: Associate Vice Chancellor  
Technology Development and Innovation

Signature: David Winwood



## ASSIGNMENT

---

WHEREAS, I, **DAVID J. HAMMOND**, a citizen of Great Britain, residing at 4916 Ripplemead Court, Laytonsville, MD 20882, USA, together with **RUBEN G. CARBONELL**, **HONGLUE SHEN**, **PATRICK V. GURGEL**, **VITEROSE WILTSHIRE-LYERLY**, and **STEVEN J. BURTON**, have invented certain inventions and improvements disclosed in a Utility patent application entitled "**PRION PROTEIN BINDING MATERIALS AND METHODS OF USE**", filed in the U.S. Patent & Trademark Office on April 2, 2004, and assigned U.S. Application No. 10/817,117; and

WHEREAS, **THE AMERICAN NATIONAL RED CROSS**, a non profit, charitable corporation chartered by an act of the United States Congress of January 5, 1905, as amended, codified at 36 U.S.C. 300101 *et seq.* with an office located at 15601 Crabbs Branch Way, Rockville, MD 20855 is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I, **DAVID J. HAMMOND**, by these presents do sell, assign and transfer unto **THE AMERICAN NATIONAL RED CROSS**, the full, exclusive and entire right, title, and interest in and to said Utility application, and in and to all inventions and improvements disclosed and described in said Utility application;

For the same consideration, I, by these presents do sell, assign, and transfer to **THE AMERICAN NATIONAL RED CROSS**, the full, exclusive, and entire right, title and interest in and to any foreign application or applications corresponding to said Utility, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority

JAN. 12. 2006 2:27PM ARC ADMIN JHHL

rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **THE AMERICAN NATIONAL RED CROSS**, or its designee insofar as permitted by applicable law.

AND, for the same consideration, I agree to sign all lawful papers, execute all Utility applications and other applications, make all assignments and rightful oaths, and generally do everything possible to said **THE AMERICAN NATIONAL RED CROSS**, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Dated: January 12<sup>th</sup> 2006.

  
\_\_\_\_\_  
DAVID J. HAMMOND

## ASSIGNMENT

---

WHEREAS, **THE AMERICAN NATIONAL RED CROSS**, a non profit, charitable corporation chartered by an act of the United States Congress of January 5, 1905, as amended, codified at 36 U.S.C. 300101 *et seq.* with an office located at 15601 Crabbs Branch Way, Rockville, MD 20855, USA has interest in inventions and improvements disclosed in a Utility patent application entitled "**PRION PROTEIN BINDING MATERIALS AND METHODS OF USE**", filed in the U.S. Patent & Trademark Office on April 2, 2004, and assigned U.S Application No. 10/817,117; and

WHEREAS, **PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES, INC**, a company organized and existing under the laws of Delaware having a principal place of business at One Rodney Square, Wilmington, Delaware 19801, is desirous of acquiring an interest in the same;


NOW, THEREFORE, for and in consideration of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **THE AMERICAN NATIONAL RED CROSS**, by these presents do sell, assign and transfer unto **PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES, INC**, the full, exclusive and entire right, title, and interest in and to said Utility application, and in and to all inventions and improvements disclosed and described in said Utility application;

For the same consideration, **THE AMERICAN NATIONAL RED CROSS**, by these presents do sell, assign, and transfer to **PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES, INC**, the full, exclusive, and entire right, title and interest in and to any foreign application or applications corresponding to said Utility, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on

said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES, INC.**, or its designee insofar as permitted by applicable law.

AND, for the same consideration, I agree to sign all lawful papers, execute all Utility applications and other applications, make all assignments and rightful oaths, and generally do everything possible to said **PATHOGEN REMOVAL AND DIAGNOSTIC TECHNOLOGIES, INC.**, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Dated: January 10th, 2006

  
Roger Dodd, Ph.D.